

1997 SOUTH DAKOTA TUBERCULOSIS MORBIDITY

There were 19 cases of tuberculosis reported to the South Dakota Department of Health in 1997. This represents the same number of cases reported during 1996. Cases were distributed across the state with 9 counties reporting TB cases this year. During 1997, there were no TB cases reported with drug resistance or TB/HIV co-infection.

TUBERCULOSIS CASES REPORTED BY SEX AND RACE SOUTH DAKOTA 1997

RACE	MALE	FEMALE	TOTAL	% OF CASES
Native American	7	7	14	74%
White	3	1	4	21%
Black	1	0	1	5%
Hispanic	0	0	0	0%
Asian	0	0	0	0%
TOTAL	11	8	19	100%

TUBERCULOSIS CASES REPORTED BY SEX AND AGE SOUTH DAKOTA 1997

AGE (years)	MALE	FEMALE	TOTAL	% OF CASES
0-4	0	0	0	0%
5-9	0	0	0	0%
10-14	0	0	0	0%
15-19	0	0	0	0%
20-29	1	1	2	11%
30-39	3	0	3	16%
40-49	2	1	3	16%
50-59	2	2	4	21%
60-69	0	2	2	11%
70-79	2	2	4	21%
80-89	1	0	1	4%
90+	0	0	0	0%
TOTAL	11	8	19	100%

TUBERCULOSIS MORBIDITY INCIDENCE RATES PER 100,000 BY RACE AND YEAR SOUTH DAKOTA 1992-1997

RACE	1992	1993	1994	1995	1996	1997
All Races	4.5	2.3	4.0	4.0	2.7	2.7
Native American	37.9	19.8	35.6	35.6	25.7	25.7
White	1.5	0.9	0.8	0.5	0.3	0.6
All Other Races	23.9	0.0	63.2	88.5	50.5	12.6

TUBERCULOSIS CASES REPORTED BY COUNTY OF RESIDENCE SOUTH DAKOTA 1997

COUNTY	# OF CASES	COUNTY	# OF CASES
Todd	5	Corson	1
Minnehaha	4	Brown	1
Shannon	3	Jackson	1
Dewey	2	Meade	1
Mellette	1		

**TUBERCULOSIS MORTALITY BY RACE AND YEAR
SOUTH DAKOTA 1994-1997**

RACE	1994		1995		1996		1997	
All Races	5/28	18%	3/28	11%	1/19	5%	1/19	5%
Native American	3/18	17%	1/18	6%	1/13	8%	0/14	0%
White	2/5	40%	2/3	67%	0/2	0%	¼	25%
All Other Races	0/5	0%	0/7	0%	0/4	0%	0/1	0%

**FOREIGN-BORN TUBERCULOSIS CASES BY YEAR
SOUTH DAKOTA 1993-1997**

Country of Birth	1993	1994	1995	1996	1997
United States	16 (100%)	23 (82%)	21 (75%)	16 (84%)	18 (95%)
Foreign-born	0 (0%)	5 (18%)	7 (25%)	3 (16%)	1 (5%)
TOTAL	16	28	28	19	19

**PULMONARY AND NON-PULMONARY TUBERCULOSIS CASES BY RACE
SOUTH DAKOTA 1997**

Site of Tuberculosis	Native American	White	Black	Hispanic	Asian	TOTAL
Pulmonary	8	4	0	0	0	12
Non-pulmonary	5	0	1	0	0	6
Both	1	0	0	0	0	1
TOTAL	14	4	1	0	0	19

The non-pulmonary sites of disease included the following:

Renal	1	Psoas abscess	1	Meningeal	1
Liver	1	Lymphatic & Renal	1	Peritoneal	1
Ovarian & lymphatic	1				

**PATIENTS STARTED ON TUBERCULOSIS PREVENTIVE THERAPY
SOUTH DAKOTA 1991-1997**

1991	1992	1993	1994	1995	1996	1997
687	618	654	536	589	662	*572

**1997 data is provisional*

TUBERCULOSIS CASES AND CASE RATES PER 100,000
UNITED STATES 1987 - 1996

YEAR	NUMBER OF TB CASES	TB CASE RATE	% CHANGE OF NUMBER	% CHANGE OF RATE
1987	22,517	9.3	-1.1	-1.1
1988	22,436	9.1	-0.4	-2.2
1989	23,495	9.5	+4.7	+4.4
1990	25,701	10.3	+9.4	+8.4
1991	26,283	10.4	+2.3	+1.0
1992	26,673	10.5	+1.5	+1.0
1993	25,287	9.8	-5.2	-6.7
1994	24,361	9.4	-3.7	-4.1
1995	22,860	8.7	-6.2	-7.4
1996	21,337	8.0	-6.7	-8.0